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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/520,824

Filing Date

January 7, 2005

First Named Inventor

Hirohisa TANAKA

Art Unit

Not Yet Assigned

Examiner Name

Not Yet Assigned

Attorney Docket Number

71465.00008

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/
Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐ Landscape Table on CD

Remarks

☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):English Language Translation of
International Preliminary Examination Report
of PCT/JP2003/008437**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Dickinson Wright, PLLC

Signature

Jean C. Edwards

Printed name

Jean C. Edwards

Date

March 14, 2005

Reg. No.

41,728

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

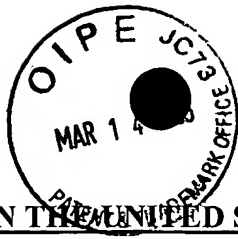
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No.: 71465.00008
Customer No.: 35161

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: Not Yet Assigned

Application No.: 10/520,824

Examiner: Not Yet Assigned

Filed: January 7, 2005

Atty Dkt No: 71465.00008

Confirmation No.: Not Yet Assigned

Customer No.: 35161

For: EXHAUST GAS PURIFYING CATALYST


**SUBMISSION OF TRANSLATION OF
THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find attached the translation of the International Preliminary Examination Report as issued in corresponding International Application No.: PCT/JP2003/008437. The Examiner is respectfully requested to acknowledge receipt of this submission.

Respectfully submitted,


Jean C. Edwards
Registration No. 41,728

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ICT

From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 72.2)

To:

OKAMOTO, Hiroyuki
c/o AI ASSOCIATION OF PATENT AND
TRADE MARK ATTORNEYS
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Received

Date of mailing (day/month/year)
27 January 2005 (27.01.2005)

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AI Association of Patent
and Trademark Attorneys

Applicant's or agent's file reference
903006PCT

IMPORTANT NOTIFICATION

International application No.
PCT/JP2003/008437

International filing date (day/month/year)
03 July 2003 (03.07.2003)

Applicant

DAIHATSU MOTOR CO., LTD. et al

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

AZ, CA, CH, CN, CO, EP, GH, KG, KP, KR, MK, MZ, RO, RU, TM

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

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3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO
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Translation

PATENT COOPERATION TREATY

PCT/JP2003/008437



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 903006PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/008437	International filing date (day/month/year) 03 July 2003 (03.07.2003)	Priority date (day/month/year) 09 July 2002 (09.07.2002)
International Patent Classification (IPC) or national classification and IPC B01J 23/89, 23/68, 23/58, 23/656, B01D 53/94		
Applicant DAIHATSU MOTOR CO., LTD.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>4</u> sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand 25 November 2003 (25.11.2003)	Date of completion of this report 12 May 2004 (12.05.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

Form PCT/IPEA/409 (cover sheet) (July 1998)

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

T/JP2003/008437

I. Basis of the report

1. With regard to the elements of the international application:*

- ☒ the international application as originally filed
- ☐ the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the claims:
 pages _____, as originally filed
 pages _____, as amended (together with any statement under Article 19
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the drawings:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

5. ☒ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims		YES
	Claims	1-4	NO
Inventive step (IS)	Claims		YES
	Claims	1-4	NO
Industrial applicability (IA)	Claims	1-4	YES
	Claims		NO

2. Citations and explanations

Document 1: JP 63-302950 A (Nissan Motor Co., Ltd.) December 9, 1988
 Document 2: JP 2-265648 A (Nissan Motor Co., Ltd.) October 30, 1990
 Document 3: JP 3-186346 A (Daihatsu Motor Co., Ltd.) August 14, 1991
 Document 4: JP 5-76762 A (Sakai Chemical Industry Co., Ltd.) March 30, 1993
 Document 5: US 5622680 A (Specialites et Techniques en Traitement de Surfaces-STTS) April 22, 1997

Based on the descriptions in documents 1-5 cited in the international search report, the inventions of claims 1-4 lack novelty.

Document 1 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_{1-x}A'_xB_{1-y}B'O_3$, wherein A represents a rare earth metal, A' represents Sr or Ba, B represents Fe or Mn, and B' represents Pt, Rh, or Ru, x represents 0.9 to 0.1 and y represents 0.9 to 0. It also states that this catalyst is carried by platinum. This catalyst is identical to the inventions of claims 1-4.

Document 2 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $La_{1-x}A_xE_{1-y}B_yO_3$, wherein A represents Sr or Ba, B represents Pt, E represents Mn, x represents 0.1 to 0.5, and y represents 0.001 to 0.01. This catalyst is identical to the inventions of claims 1 and 3.

Document 3 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_{1-x}A'_xB_{1-y}B'O_3$, wherein A represents a rare earth element, A' represents Ca, Sr, or Ba, B represents Pt, Rh, or Ru, B' represents Mn, Fe or Al, $0 < x \leq 0.6$, and $0 \leq y < 1$. This catalyst is identical to the inventions of claims 1-4.

Document 4 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_xB_{1-x}C_yC_{1-y}O_3$, wherein A represents La, B represents Ca, Sr, Ba, Mg or Ag, C represents Mn, C represents Pt, Rh or Ru, $0 \leq x \leq 1$, and $0 \leq y \leq 1$. This catalyst is identical to the inventions of claims 1-4.

Document 5 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $La_{0.8}Sr_{0.2}Mn_yM'_z\Phi_{1-y-z}O_3$, wherein M' represents Pt, Ru or Rh, $0.85 < y \leq 1$, and $0 \leq z < 0.08$. This catalyst is identical to the inventions of claims 1-4.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP03/08437

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of Box I.5.:

At the time it was filed this international application disclosed only a catalyst for waste gas purification, and it did not make a general disclosure of catalyst compositions that are not restricted to waste gas purification. Therefore, the invention of claim 5 on page 22 and the amendment to page 3 are beyond the scope of disclosure of this international application at the time of filing.